



# **Medical Materiel Set Radiology Computerized Tomography**

## **Support and Consumables Handbook**

**UA M432**

**Semper Responsus**

**Draft**

**October 2005**

**U.S. Army Medical Materiel Agency**



The information contained in this manual was prepared  
by the U.S. Army Medical Materiel Agency,  
Materiel Acquisition Directorate,  
Ancillary Care Division,  
Fort Detrick, MD

This manual is still in draft form and may contain inaccuracies. To report inaccuracies or additions, please contact 301-619-4344, DSN 343-4344, or [USAMMATSD@amedd.army.mil](mailto:USAMMATSD@amedd.army.mil). Responses may also be mailed to:

Commander  
U.S. Army Medical Materiel Agency  
MCMR-MMO-AA  
1423 Sultan Drive, Suite 100  
Fort Detrick, MD 21702-5001



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FOR DIRECT LINK

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## **SHELTER: TACTICAL EXPANDABLE ONE-SIDED [TOC](#)**

**US ARMY NATICK RESEARCH AND DEVELOPMENT CENTER**

**MODEL # 5-4-3200**

**Manufacturer's PHONE: (508) 233-4874**

**AAC "J" ITEM NSN 5411-01-295-3433**

**UA's: N305, M432**

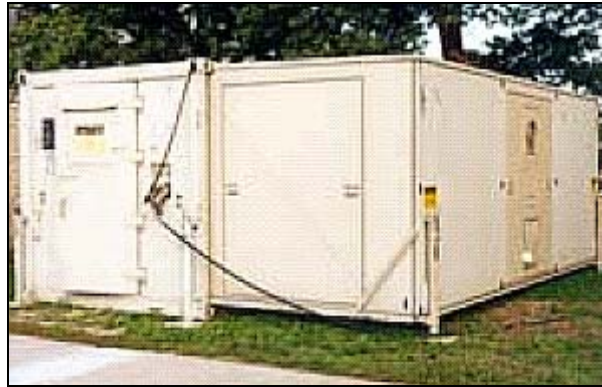
**USAMMA POC: Equipment Acquisition Division, 301 619-4060, DSN 343-4060**

**UNIT PRICE: \$60,315.00**

**Description:** Army ISO shelters are compatible with military and commercial handling equipment and can be transported by all modes of transportation including cargo container ships, C-130, C-141, C-5A and C-17 military aircraft, trucks, trailers and the M1022A1 ISO Dolly Set. These shelters are comprised of individual replaceable panels that are either bolted or hinged into place. These panels are fabricated by hot bonding aluminum skins to resin impregnated paper honeycomb core material. Each ISO shelter is wired for three phase electrical distribution and is integrated with internal fluorescent lights, 120 VAC, 20 amp electrical outlets, an external area light, and an interface for external environmental control units. Each shelter is also equipped with leveling jacks and can be erected in the field by four people in less than thirty minutes without any special tools. Complexing capability with 58" x 77" knockout panels is available for One-Sided ISO shelters.

### **CHARACTERISTICS**

<b>ISO Shipping Dimensions</b>	<b>Height</b>	<b>8.0 feet nominal</b>
	<b>Width retracted</b>	<b>8.0 feet nominal</b>
	<b>Length retracted</b>	<b>19.875 feet nominal</b>
	<b>Width extended</b>	<b>14.33 feet nominal</b>
	<b>Length extended</b>	<b>19.875 feet nominal</b>
<b>Weight Empty</b>	<b>5,400 lbs</b>	
<b>Payload Weight</b>	<b>8,500 lbs</b>	
<b>Shipping Cube Exterior</b>	<b>864cu/ft</b>	
<b>Max Floor Load</b>	<b>65 lbs/ft<sup>2</sup></b>	
<b>Max Ceiling Load</b>	<b>40 lbs/ft<sup>2</sup></b>	
<b>Interior (Transport Mode)</b>	<b>19ft 1in L x 7ft W x 7ft 1in H</b>	
<b>Interior (Expanded)</b>	<b>18ft 4in L x 14ft 6 in W x 7ft 1in H</b>	
<b>Power Requirements</b>	<b>120/240 100 amp input cable</b>	



## SHELTER: TACTICAL EXPANDABLE ONE-SIDED



**DIAGNOST, RAD ISO SHELTER**  
NSN 5411-01-295-3433

## ACCESSORIES AND CONSUMABLES START-UP

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6150012566304	INCLUDED W/NSN	ISO-POWER CABLES 100 AMP	13226E7024	2	EA	\$2,041.00	\$4,082.00	CECOM LR CENTER	N\A	N	2
6150012566300	INCLUDED W/NSN	4 WIRE PIG TALE WITH GROUND	13226E7020	2	EA	\$486.00	\$972.00	CECOM LR CENTER	N\A	N	2



## DEFIBRILLATOR, MONITOR RECORDER TOC

**ZOLL MEDICAL CORPORATION**

**MODEL M SERIES CCT**

**Manufacturer's PHONE: (978) 421-9460, FAX (978) 421-0010**

**Website: <http://www.zoll.com>**

**AAC "W" ITEM NSN 6515-01-389-6740**

**AAC "J" ITEM NSN 6515-01-515-4197**

**UA's: 0257, 0261, 2257, 2261, 2267 M301, M308, M309, M313, M413, M513, M713,  
M432**

**USAMMA POC: Equipment Acquisition Division, 301-619-4060, DSN 343-4060**

**UNIT PRICE: \$18,940.00**

**Operator Familiarization: CD-ROM is available.**



## CHARACTERISTICS

<b>Dimensions</b>	<b>Height</b>	<b>6.8"</b>
	<b>Width</b>	<b>10.3"</b>
	<b>Depth.</b>	<b>8.2"</b>
<b>Weight</b>		<b>13.5 lbs</b>
<b>Storage Temperature</b>		<b>-4° to 140° F, -20° to 60° C</b>
<b>Operating Temperature</b>		<b>32° to 122°F ,0° to 50° C</b>
<b>Humidity (no condensing)</b>		<b>5-95%</b>
<b>Power Requirements</b>		<b>110/220 VAC 50/60 HZ, 220/240 50 HZ,220 VA Sealed lead acid battery pack; 5 cells 2V/CELL, (WIRED IN SERIES), DC INPUT 10-29 V. 130 W</b>

## M-SERIES/CCT DEFIBRILLATOR CONSUMABLES (START-UP)

NSN	NOTES	Nomenclature	QT Y	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015185958	Included W/NSN	Xtreme Pak II Carry Case	1	EA	8000-0501-01	\$595	\$595.00	ZOLL	indef	N	2
6515015185962	Included W/NSN	Military 1-step 12-lead ECG cable	1	EA	8000-0527-30	\$319.00	\$319.00	ZOLL	indef	N	2
6515015185984	Included W/NSN	Recorder paper, 1 roll	1	EA	8000-0300	\$3.00	\$3.00	ZOLL	indef	N	2
6515015185995	Included W/NSN	Environmental protective covers	1	EA	8000-0400	\$100.00	\$100.00	ZOLL	indef	N	2
6515015186027	Included W/NSN	Dep Pak – Single Patient 4 YEAR SHELF LIFE	1	EA	8000-4018-30	\$80.00	\$80.00	ZOLL	48	N	2
6515015186021	Included W/NSN	Single Patient Use Airway Adapters (10)	1	10/ EA	8000-0260-01	\$65.00	\$65.00	ZOLL	indef	N	2

## M-SERIES/CCT DEFIBRILLATOR CONSUMABLES (RESUPPLY)

NSN	Nomenclature	QT Y	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015092908	Dep Pak – FOUR Patient 4 YEAR SHELF LIFE	1	EA	8000-4017-30	\$280.00	\$280.00	ZOLL	48	N	2
6515015186021	Single Patient Use Airway Adapters (10)	1	(10s) EA	8000-0260-01	\$65.00	\$65.00	ZOLL	indef	N	2
6515015185955	XL Smart Ready Lead Acid Battery	1	EA	8000-0500-01	\$180.00	\$180.00	ZOLL	48	N	2

## M-SERIES/CCT DEFIBRILLATOR ACCESSORIES (START-UP)

NSN	NOTES	Nomenclature	QTY	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
NO STOCK # NEEDED	Included W/NSN	XL Smart Ready Lead Acid Batteries	3	EA	8000-0686	\$180.00	\$540.00	Zoll	indef	N	2
6515015185960	Included W/NSN	Military AC power cord w/ Ferrite	1	EA	8000-0304	\$35.00	\$35.00	Zoll	indef	N	2
6515015185967	Included W/NSN	Military EtCO <sub>2</sub> cable with mainstream capnostat sensor	1	EA	8000-0410	\$1950.00	\$1950.00	Zoll	indef	N	2
6515015185970	Included W/NSN	NIBP adult cuff and hose	1	EA	8000-0653	\$29.00	\$29.00	Zoll	indef	N	2
6515015185972	Included W/NSN	Military SpO <sub>2</sub> cable	1	EA	8000-0246-30	\$162.00	\$162.00	Zoll	indef	N	2
6515015185973	Included W/NSN	Military SpO <sub>2</sub> adult sensor	1	EA	8000-0245	\$270.00	\$270.00	Zoll	indef	N	2
6515015185980	Included W/NSN	Military Temperature Cable and Probe	1	EA	8000-0409	\$450.00	\$450.00	Zoll	indef	N	2
6515015185982	Included W/NSN	Military universal cable	1	EA	8000-0308-30	\$135.00	\$135.00	Zoll	indef	N	2
6515015185962	Included W/NSN	Military 1 Step 12 – Lead ECG Cable	1	EA	8000-0527-30	\$319.00	\$319.00	Zoll	indef	N	2
7610015189206	Included W/NSN	Operator's/Service manual Inservice CDROM	1	SE	9650-0502-30	\$56.00	\$56.00	Zoll	indef	N	2
6515015046492	Included W/NSN	M Series external paddle assembly	1	EA	8000-1010-01	\$396.00	\$396.00	Zoll	indef	N	2
6515015186011	Included W/NSN	Hardigg Case w/ label	1	EA	8000-0850-30	\$980.00	\$980.00	Zoll	indef	N	2
6515015186016	Included W/NSN	1X1 Battery Charger	1	EA	8050-0022-30	\$506.00	\$506.00	Zoll	inde	N	2
6515015186030	Included W/NSN	PCMCIA Data Card, 16 MEG (2 per pack)	1	EA	8000-0167	\$396.00	\$396.00	Zoll	inde	N	2



**DEP PAK FOUR, PATIENT**  
**8000-4017-30**

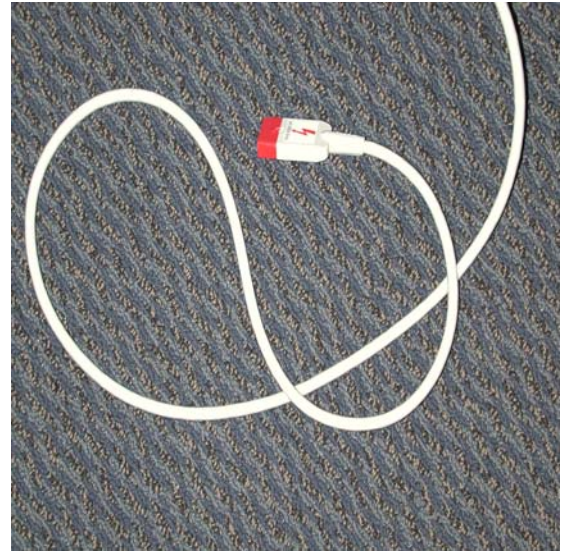


**1X1 BATTERY CHARGER**  
**8050-0022-30**





**XL SMART READY LEAD ACID  
BATTERIES,  
8000-0686**



**MILITARY UNIVERSAL CABLE,  
8000-0308-30**



**5 LEAD ECG CABLE  
8000-0527-30**

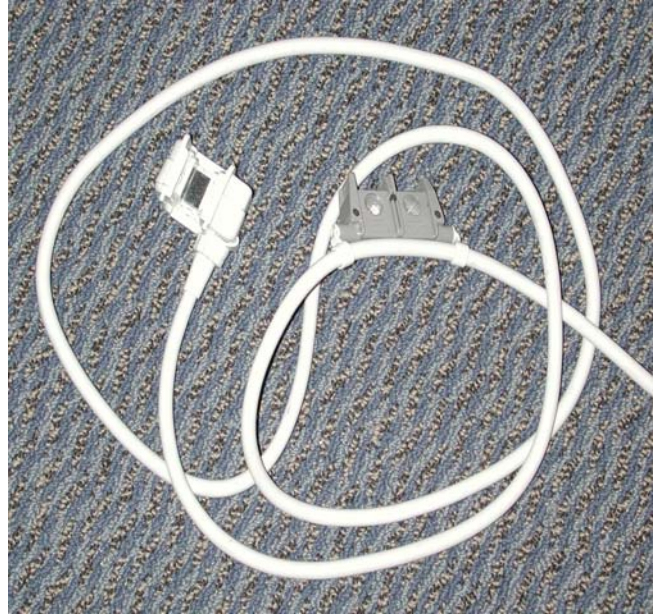


**M SERIES EXTERNAL PADDLE  
ASSEMBLY,  
8000-1010-01**

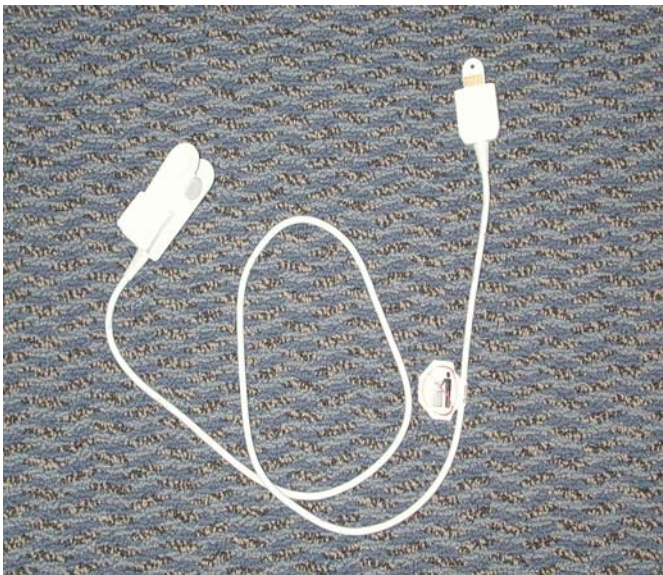




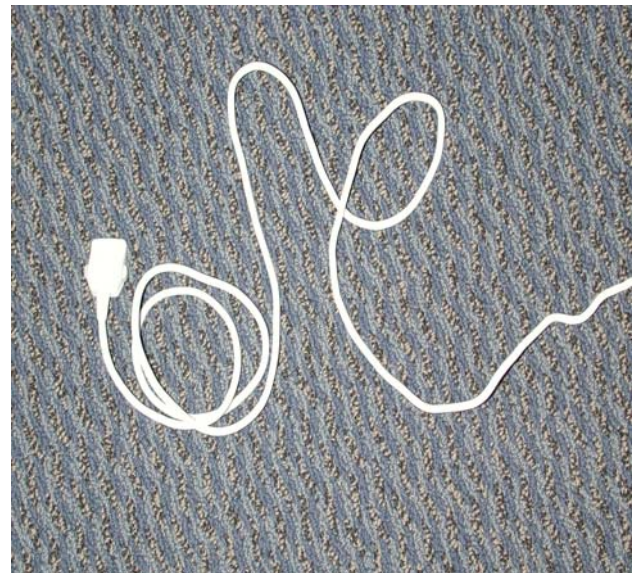
**CUFF NIBP ADULT AND HOSE**  
**8000-0653**



**ETCO2 CABLE WITH MAINSTREAM**  
**CAPNOSTAT SENSOR 8000-0410**



**MILITARY SpO2 ADULT SENSOR**  
**8000-0245**



**MILITARY SpO2 CABLE**  
**8000-0246-30**

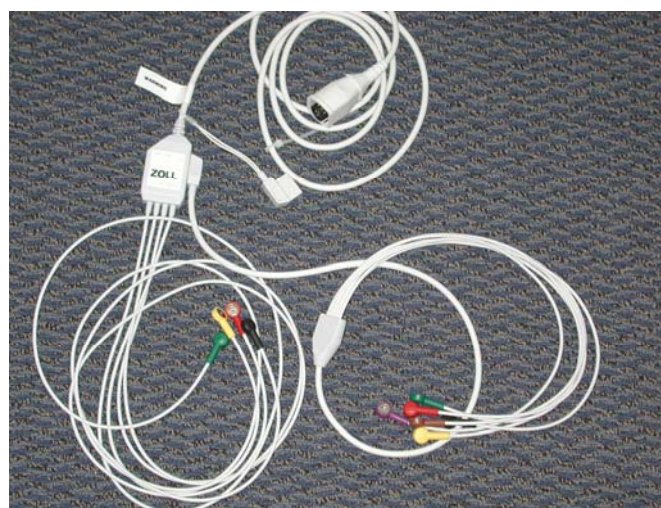
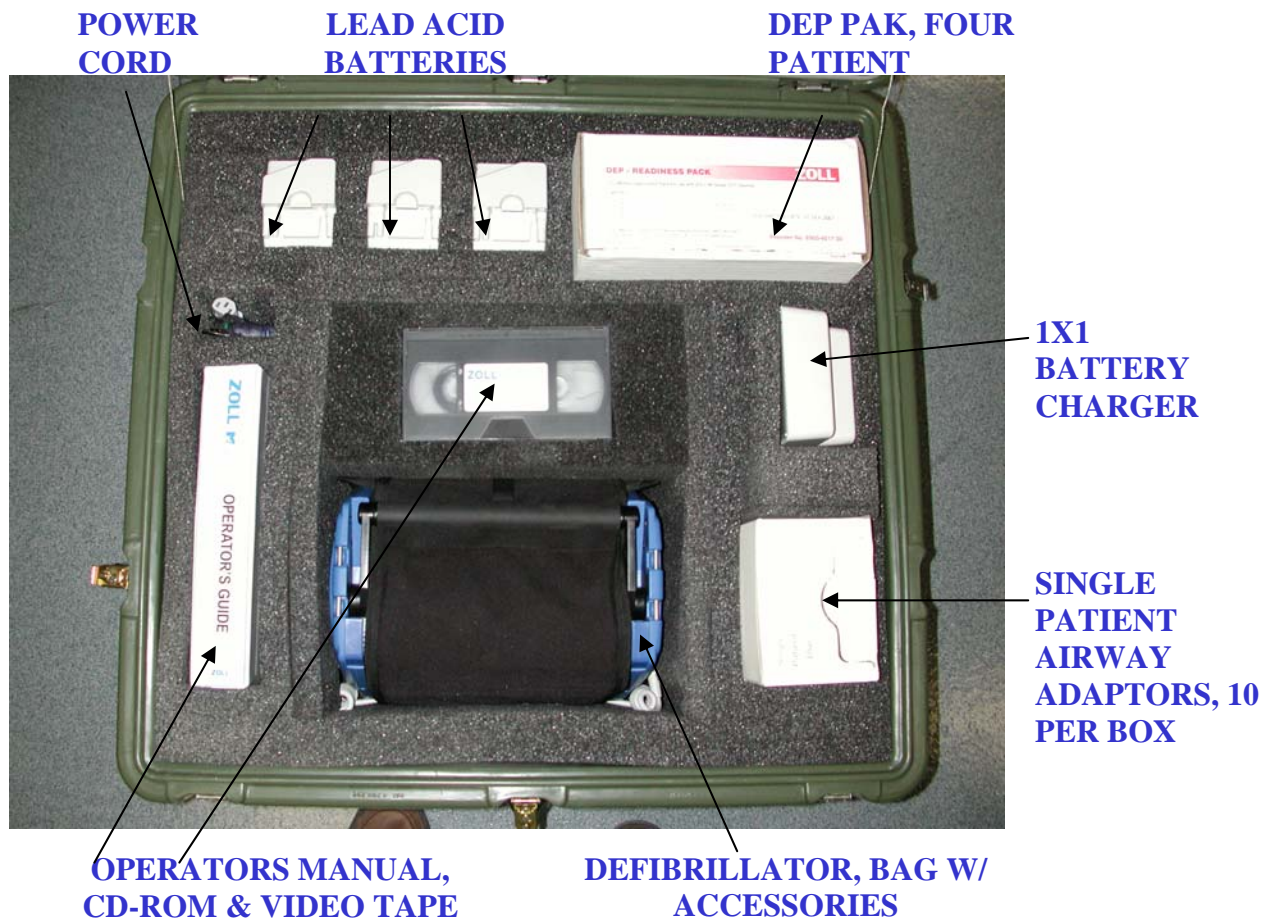


**TEMPERATURE CABLE & PROBE  
8000-0409**



**Hardigg Case w/label 8000-0850-30 CASE ONLY  
ITEMS SHOWN IN THIS CASE INCLUDES THE STARTUP KIT**





**Military 1 Step 12 –Lead ECG Cable  
8000-0527-30**



**PRINTER OF CR READER (CODONICS) TOC**

**PHILIPS MEDICAL SYSTEMS OF NORTH AMERICA  
MODEL WPR120N**

**Manufacturer's Phone: (800) 722-9377 , FAX: (978) 659-4995**

**Website: <http://www.sourceonehealthcare.com>**

**AAC "J" ITEM NSN 6525-01-507-3500**

**UA's: UA N305, M432**

**USAMMA POC: Equipment Acquisition Division, (301) 619-4060, DSN 343-4060  
UNIT PRICE: \$36,414.00**

**Features:**

- This printer interfaces with all imaging modalities (Radiographicsystem, workflow station, and the CR reader). The system also provides operator control from the host console.
- The printer is DICOM 3.0 or the latest version compliant. The latest version shall be 100% compliant with DICOM 3.0.
- The printer prints 8"x 10", and 14" x 17" films with diagnostic quality images using thermal printing technology.
- This system provides continuous tone film image quality.
- The operator automatic image quality control, provides automatic adjustment to film density and contrast.
- The system provides film formatting in user selectable custom formats. The operator has the ability to acquire images on any order.

**Description:** An intelligent, desktop sized, grayscale output manager that produces diagnostic quality medical hardcopy on a variety of media types. The imager accepts many industrial standard file formats including DICOM and incorporates networking, high speed image processing and spooling capabilities prints diagnostic grayscale diagnostic images on film 14"x 17". Can be used for all modalities

**CHARACTERISTICS**

<b>Dimensions</b>	<b>Height, in.</b>	<b>14.5</b>
	<b>Width, in.</b>	<b>20.5</b>
	<b>Depth, in.</b>	<b>24</b>
<b>Weight</b>	<b>79 lbs</b>	
<b>Cube</b>	<b>4.1 cu ft</b>	
<b>Operating Temperature</b>	<b>50° F to 86° F</b>	
<b>Operating Humidity</b>	<b>0% to 80%</b>	
<b>Storage Temperature</b>	<b>50° F to 145° F</b>	
<b>Storage Humidity</b>	<b>0% to 95%</b>	
<b>Power Requirements</b>	<b>100-120/230 Volts, 50/60 Hz, 5amps, 600 Watts 150 watts idle</b>	



**CODONICS HORIZON GS LAZER PRINTER**



**CODONICS PRINTER and CASE**



**CODONICS PRINTER and CASE**

## CODONICS LASER IMAGER CONSUMABLES

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6525015332194	Included w/NSN	ILM Sheets, Vista Blue Codonics direct 14'x17"	409790	2	BX/500	\$807.50	\$1,615.00	SOURCE ONE HEALTHCARE	N/A	N	2



## COMPUTED TOMOGRAPHY SCANNER, FIELD **TOC**

### PHILIPS MEDICAL SYSTEMS OF NORTH AMERICA MODEL MX 8000

Manufacturer's Phone: (800) 722-9377 , FAX: (978) 659-4995

Website: <http://www.medical.philips.com>

AAC "J" ITEM NSN 6525-01-511-7357

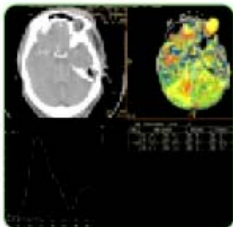
UA's: M432

**USAMMA POC: Equipment Acquisition Division, (301) 619-4060, DSN 343-4060**  
**UNIT PRICE: \$749,275.00**

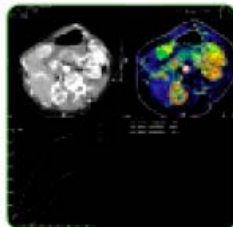
**Description:** MX8000 Dual slice CT scanner delivers proven performance for every patient. The MX8000 Dual offers the power, speed and clinical versatility derived from a wide range of multislice scanning techniques. To improve patient care, MX8000 Dual includes some of the newest clinical applications, such as prospective gated cardiac calcium scoring, perfusion examinations, whole-body CT and vascular studies. The MX8000 Dual offers a premium workstation and multislice scanner in one package.

#### **Main Features:**

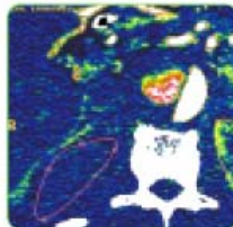
1. **Functional CT:** The MX 8000, CT has for the first time shifted from anatomical medical imaging to a combination of structural and functional imaging. Functional imaging that shows how the body works includes the measurement of tissue perfusion, tissue diffusion, and capillary permeability.
2. **Liver Perfusion:** Various parametric functional images. Parametric functional image color map display. Statistical measurements (such as mean, standard deviation, size, ect.) recorded for any user-selected region.
3. **Kidney and Aortic Dissection:** Rapid, easy renal perfusion exam that can be done in conjunction with CT angiograms or multiphasic diagnostic exams. Results provide vital information in renal transplant patients
4. **Stroke/Brain:** Confirmed clinical diagnosis. Specific insult identification. Institution of timely therapy. Ingenious perfusion algorithms. Shorter exam times and dose that is 25-250 percent lower than published multislice scanner protocols.
5. **Lung:** Perfusion imaging of the lung. Accurate information for evaluation of tissue viability in emphysema or COPD patients. Characterization of small lesions. Accurate, early diagnosis of malignant nodules.



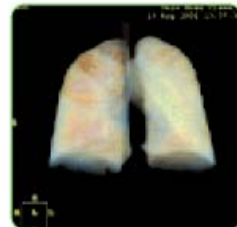
Stroke/brain



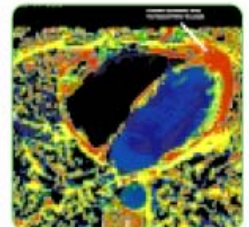
Liver perfusion



Kidney and aortic  
dissection



Lung



Cardiac

## Features and Benefits

- Displays penumbra/infarct maps, which may distinguish between still-viable and non-viable infarcted tissue
- Quantitative color maps of cerebral blood flow (CBF), cerebral blood volume (CBV), mean transit time (MTT) and time-to-peak (TTP) provide valuable clinical information to assist in treatment planning
- Allows the clinician to make reasonably accurate predictions in individual patients about which brain tissue will clinically improve with reperfusion therapy
- Provides both arterial and portal perfusion measurements for whole liver or single location liver studies
- Motion correction for high accuracy
- Large coverage and low dose imaging ensure high quality neuro results

Philips' calcium scoring software rapidly quantifies coronary artery calcifications (CAC). This program includes mass, Agatston and volume scores with automated, customizable reporting for paper and/or electronic results distribution.

Philips' Bone Removal software removes complex bony anatomy of the skull for clear, direct inspection of critical structures such as the carotid siphon and circle of willis vessels. This powerful software also subtracts a low-dose without-contrast CT scan and a with-contrast CTA and segments previously identified bony structures from the angiographic image.

## Features and Benefits

- Ideal for cerebral CT angiograms
- Quick and easy to use
- Allows you to save segmentation for later use

## CHARACTERISTICS

<b>ISO Shipping Dimensions</b>	<b>Height</b>	<b>8.0 feet nominal</b>
	<b>Width retracted</b>	<b>8.0 feet nominal</b>
	<b>Length retracted</b>	<b>19.875 feet nominal</b>
	<b>Width extended</b>	<b>14.33 feet nominal</b>
	<b>Length extended</b>	<b>19.875 feet nominal</b>
<b>Weight Empty</b>	<b>5,400 lbs</b>	
<b>WITH ISO Weight</b>	<b>13,916 lbs</b>	
<b>Cube</b>	<b>2081.3 cu</b>	
<b>Gantry Room Temperatures</b>	<b>59°F to 82°F</b>	
<b>Console Room Temperatures</b>	<b>59°F to 82°F</b>	
<b>Utility Room Temperatures</b>	<b>59°F to 82°F</b>	
<b>Operating Humidity</b>	<b>20% to 75% non-condensing</b>	
<b>Storage Temperature</b>	<b>22°F to 140°F</b>	
<b>Storage Humidity</b>	<b>10% to 95% non-condensing</b>	
<b>Power Requirements</b>	<b>380/480 nominal Voltage 3Ø, 50/60Hz at 90 kVA Max</b>	

## Dimensions and weights

	weight	height	width	depth
gantry	2100 kg (4620 lbs.)	205cm (81")	229cm (90")	98cm (39")
patient table	500 kg (1100 lbs.)	48cm (19")	67cm (27")	225cm (101")
console	70 kg (154 lbs.)	74cm (29")	110cm (44")	79cm (31")
image monitoring (20")	31 kg (68 lbs.)	48cm (19")	49cm (20")	54cm (21")
computer rack	120 kg (264 lbs.)	74cm (29")	66cm (26")	78cm (31")
power cabinet	550 kg (1210 lbs.)	180cm (71")	90cm (36")	75cm (30")
cooling unit (water-water)	500 kg (1100 lbs.)	180cm (71")	90cm (36")	75cm (30")



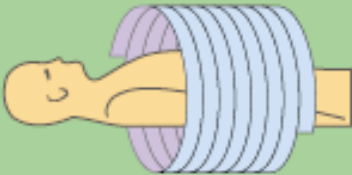

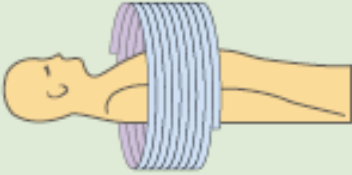

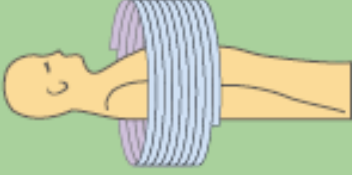

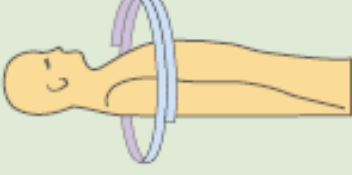

**MX 8000 PHILIPS CT SCANNER**









Single-slice scanner		Mx8000 Dual-slice scanner
 <p>10mm collimation</p>	<p>double Resolution same Speed same Volume same Power</p>	 <p>2 x 5mm collimation</p>
 <p>68 sec acquisition</p>	<p>same Resolution double Speed same Volume same Power</p>	 <p>34 sec acquisition</p>
 <p>60cm coverage</p>	<p>same Resolution same Speed double Volume same Power</p>	 <p>120mm coverage</p>
 <p>100 mAs</p>	<p>same Resolution same Speed same Volume double Power</p>	 <p>200 mAs</p>

**COMPARISONS OF SINGLE SLICE SCANNER TO DUAL SLICE SCANNER**

**COMPUTED TOMOGRAPHY SCANNER CONSUMABLES AND  
ACCESSORIES ( START-UP)**

NSN	NOTES	Nomenclature	QTY	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
7045014445160	Included W/NSN	DISK CD RECORDABLE WRITE ONCE OPTICAL DISK	5 bx / 30	EA	CDR650-74	\$1.06	\$31.80	Maxell	indef	N	2
6525 015244502	Included W/NSN	Cushion Head Rest-Small	1ea	EA	84966	\$29.00	\$29.00	Philips	indef	N	2
6525 015244503	Included W/NSN	Cushion Head Rest-Medium	1ea	EA	84967	\$46.35	\$46.35	Philips	indef	N	2
6525015235017	Included W/NSN	Cushion Head Rest-Large	1ea	EA	84968	\$45.00	\$45.00	Philips	indef	N	2
6525 015244507	Included W/NSN	Cushion Knee Rest	1ea	EA	86768	\$46.35	\$46.35	Philips	indef	N	2
6525 015245076	Included W/NSN	Strap, Head	1ea	EA	313162	\$24.00	\$24.00	Philips	indef	N	2
6525 015244504	Included W/NSN	Strap, Patient Restraining	1ea	EA	311648	\$50.71	\$50.71	Philips	indef	N	2
6525015230336	Included W/NSN	Filter, Air 6 x 13 x.5	1 bx / 100	EA	453567018801	\$13.00	\$130.00	Universal Air	indef	N	2
6525015230343	Included W/NSN	Filter, Air 6 x 19 x.5	1 bx / 100	EA	4533567018751	\$14.77	\$147.70	Universal Air	indef	N	2
6525015230345	Included W/NSN	Filter, Air 8.5 x 11.5 x.5	1 bx / 100	SE	T99-2509	\$14.20	\$142.00	Universal Air	indef	N	2

**COMPUTED TOMOGRAPHY SCANNER CONSUMABLES (RESUPPLY)**

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
7045014445160	Included W/NSN	DISK CD RECORDABLE WRITE ONCE OPTICAL DISK	CDR650-74	EA	5 BX/30	\$1.06	\$31.80	Maxell	indef	N	2
6525015230336	Included W/NSN	Filter, Air 6 x 13 x.5	453567018801	EA	1 BX/100	\$13.00	\$130.00	Universal Air	indef	N	2
6525015230343	Included W/NSN	Filter, Air 6 x 19 x.5	4533567018751	EA	1 BX/100	\$14.77	\$147.70	Universal Air	indef	N	2
6525015230345	Included W/NSN	Filter, Air 8.5 x 11.5 x.5	T99-2509	EA	1 BX/100	\$14.20	\$142.00	Universal Air	indef	N	2



## SYRINGE INJECTION SYSTEM FOR THE CT SCANNING SYSTEM TOC

**MEDRAD INCORPORATED**  
**MODEL ECT710-PI (STELLANT Sx CT Injector)**  
**Manufacturer's Phone: (412) 767 2400, FAX (412) 767-4120**  
**Website: <http://www.medrad.com>**

**AAC "J" ITEM NSN 6525-01-511-7375**

**UA's: M432**

**USAMMA POC: Equipment Acquisition Division, (301) 619-4060, DSN 343-4060**  
**UNIT PRICE: \$17,340.00**

### **Features:**

- Easily upgradeable Software and Hardware
- Improved syringe design for quick, easy install and attachment
- Automation Features; Integrated Auto Load, Auto Retract, Auto Prime, Auto Syringe Sensing
- Remote Check for Air confirmation button on the CT injection head
- Remote Arming at the CT injector head
- Color touch screen
- Pressure Monitor Graph to display real-time pressure during injection
- Pressure Program Limit
- Integrated Test Inject to ensure patency of vein
- Graphic, real time flow profile
- Stopwatch timer
- Protocol Lock

**Description:** This syringe injector is a single contrast only CT injection system designed for fast-paced CT sites that require maximum patient throughput. Packed with intuitive automation and convenience features, Stellant SX delivers ease of use that can lead to reduced setup times and shortened overall scan times in a single CT injector.

### **FLUID DELIVERY PERFORMANCE**

Description	Specification
Volume Range:	1 ml to maximum syringe capacity in 1 ml increments
Flow Rate Range:	0.1 to 10 ml/sec in 0.1/sec increments
Programmable Pressure limit, 200 ml Syringe (PSI/kPA):	200 ml syringe Pressure Limit selections (PSI/kPA): Choice of 50/345, 100/689, 150/1034, 200/1379, 250/1724, 300/2068, 325/2241
Pause:	1 second to 900 seconds in 1 second increments
Scan Delay:	0 to 300 seconds ( or 5 minutes) in 1 second increments
Hold:	Maximum Hold time is 20 minutes
Syringes (Volume capacity)	200 ml sterile disposable syringe
Injection Capabilities:	6 phases per protocol
Storage Capacity:	32 Protocols of up to 6 phases each
Elapsed Injection Time:	Minimum of 0 to 999 seconds

## CHARACTERISTICS

<b>Dimensions Syringe Injector</b>	<b>Length, in.</b>	<b>14.5</b>
	<b>Width, in.</b>	<b>8.7</b>
	<b>Depth, in.</b>	<b>6.3</b>
<b>Weight</b>	<b>11.9lbs</b>	
<b>Cube</b>	<b>.65 cu ft</b>	
<b>Dimensions Control Unit Monitor</b>		
	<b>Height, in.</b>	<b>11.5</b>
	<b>Width, in.</b>	<b>11</b>
	<b>Depth, in.</b>	<b>8.8</b>
<b>Weight</b>	<b>13.6lbs</b>	
<b>Cube</b>	<b>.65 cu ft</b>	
<b>Operating Temperature</b>	<b>+50° F to 104° F</b>	
<b>Operating Humidity</b>	<b>20% to 90%</b>	
<b>Storage Temperature</b>	<b>-40° F to 158° F</b>	
<b>Storage Humidity</b>	<b>5% to 100%</b>	
<b>Power Requirements</b>	<b>100-120/240 Volts, 50/60 Hz, 180 volt amps, 50 Watts</b>	



**SYRINGE INJECTION SYSTEM  
STELLANT SX  
NSN 6525-01-511-7375**



**STELLANT CONTROL UNIT**



**SYRINGE KIT TOMOGRAPHY  
200ML 20 PER KIT  
NSN 6525-01-513-1253**

## SYRINGE INJECTION SYSTEM CONSUMABLES (START-UP/RESUPPLY)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6525015131253	Item in UA	SYRINGE KIT TOMOGRAPHY 200ML	CTK-A3B1D1E2	KT/20	1	\$12.25	&12.25	MEDRAD INC	N/A	N	2
6505011007984	Item in UA	Iothala Meg INJ 30 ML50	NDC00019-0953-13	PG/50	1	\$46.88	\$46.88	MALLINCKRODT INC	36	Y	2



**SINK UNIT SCRUB FIELD HOSPITAL CRS 30 INCHES TOC**

**FISHER HAMILTON L.L.C..**

**MODEL # 950S936**

**Manufacturer's PHONE (412) 490-8300 (800) 926-1166**

**FAX (412) 490-8304**

**Website: <http://www.fishersci.com>**

**AAC "W" ITEM NSN 6530-01-163-1899**

**AAC "J" ITEM NSN 6530-01-308-7740**

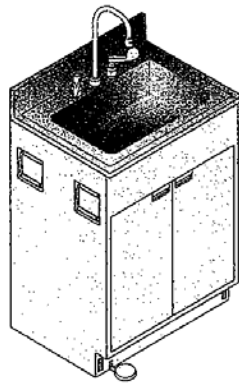
**UA's:M302, M305, M432**

**USAMMA POC: Equipment Acquisition Division, 301 619-4060, DSN 343-4060**

**UNIT PRICE: \$4,717.14**

**Special Features:** This sink has a hot and cold water supply, and is mounted on 4 detachable casters. It is a self contained sink with a tank less electric water heater and pump. Other items that come with the sink are a removable faucet with a gooseneck spout, paddle shaped handles to control the water flow, a foot activated externally mounted soap dispenser, 2 recessed carrying handles on each side, 2 doors and a 10 FT water supply hose with auto shut-off and quick disconnect couplings. Water temperature is adjustable from 100°F to 145°F.





- Self-contained sink base cabinet is 30" wide X 22-5/8" deep X 36-1/2" high
- Includes 24" X 14" X 12" stainless steel X-Ray sink, self-contained pump and heater, foot operated soap dispenser.
- 4" casters

## CHARACTERISTICS

<b>Dimensions</b>	<b>Height</b>	<b>36.5"</b>
	<b>Width</b>	<b>30"</b>
	<b>Depth</b>	<b>22 5/8"</b>
<b>Weight</b>	<b>335 lbs</b>	
<b>Cube</b>	<b>16.75</b>	
<b>Operating Temperature</b>	<b>N/A</b>	
<b>Operating Humidity</b>	<b>N/A</b>	
<b>Storage Temperature</b>	<b>N/A</b>	
<b>Storage Humidity</b>	<b>N/A</b>	
<b>Power Requirements</b>	<b>120/230Volt 50/60H38Amps 9000Watts</b>	

## SINK UNIT SCRUB FIELD HOSPITAL CONSUMABLE AND ACCESSORY

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
NONE	NONE									